Satellite Session

ST1 - New Insights i	n Research on Brain and Neurological Disorders	Organized by KDRC ^변 WBF 여성명과학기술로 Women's Boscience
May 28th(Tue), 13:00	l-15:00, Exhibition Center 1, Room 211	여성생명과학기술
rganizer & Chair	KyeongJin Kim (Inha University), YunJae Jung (Gachon University)	
peaker1	30' Yun Kyung Kim (KIST)	Targeting P.Gingivalis as a Risk Factor for Dementia
eaker2	30' Jeehyun Kwag (Seoul National University)	Dysfunctions of GABAergic interneuron ensemble dynamics in Mouse Models of Alzheimer's Disease
peaker3	30' Yunhee Kim (Kyung Hee University)	Designing a theragnosis probe for targeting gingipains as a risk factor for neuroinflammation
peaker4	30' Seongju Lee (Inha University)	TRIMosome: The Platform Orchestrating Multiple Steps of Autophagy
T2 - Muscle Biolog	y Through the Lens of Science and Engineering	Organized by STSC
	I-15:00, Exhibition Center 1, Room 212	원광대학교 근감소증 3단계 토탈솔루션 선도연구
rganizer & Chair	Seong-Kyu Choe (Wonkwang University School of Medicine), Jae Ho Seo (Wo	onkwang University School of Medicine)
peaker1	30' Young C. Jang (Emory School of Medicine)	Muscle aging and beyond
peaker2	30' Seong-Kyu Choe (Wonkwang University School of Medicine)	Myofiber size reduction caused by haploinsufficiency in genes that control organelle homeostasis
peaker3	30' Jae-Hyun Yang (KAIST)	Evidence for Epigenetic Control of Muscle Aging
peaker4		
eaker4	25' Ju-Hyeon Bae (SKKU School of Medicine)	Farnesol prevents age-related muscle weakness by inducing PGC-1α
3 - Performance F	Presentation of CoPM(Center for Integrative Omics and Precision Medical)	Organized by CoPM
ay 28th(Tue), 13:00	1-15:00, Exhibition Center 1, Room 213	정밀의료기술개발사업단 (연구책임자: 김
rganizer	Young-Joon Kim (Yonsei University)	
nair	Hong Seok Lee (Yonsei University)	
eaker1	20' Tae-You Kim (Seoul National University)	Establishing clinical cohort and development of liquid biopsy technology to implement precision medicine in colorectal cancer
eaker2	20' Woong-Yang Park (Sung Kyun Kwan University)	A predictive biomarker for colorectal cancer in non-tumor-bearing adjacent tissue
eaker3	20' Jung Kyoon Choi (KAIST)	Introduction to Research Achievements Using Multiomics and Deep Learning
eaker4	10' Dong Woo Kim (Cellgentek Corp.)	Integrated analytics platform system for precision medicine
peaker5	10' Ji Hwan Park (KRIBB)	
peakero	10 offwart are (reads)	Outline of the publicly accessible colorectal cancer methylome data from Korean patients
		即에오 신력 해산소滅
T4 - Advancement	s in innovative biopharmaceutical development: From Target Identification to	o Preclinical Research Organized by 항상 및 제신소계 중요 선택 확선소계 중요 선택 작업 작업 작업 작업 관계 중요 선택 작업 관계 중요 선택
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r4 - Advancement: ay 28th(Tue), 13:00 ganizer & Chair peaker1 peaker2 peaker3 peaker4 r5 - Development of ay 28th(Tue), 13:00 ganizer & Chair peaker1 peaker2 peaker3 peaker4 r6 - New drug development of ay 28th(Tue), 15:30 ganizer anair peaker1 peaker1 peaker2 peaker3	s in innovative biopharmaceutical development: From Target Identification to 1-15:00, Exhibition Center 1, Room 311&312 Dae Hee Kim (Kangwon National University), Hyun-Jeong KO (Kangwon National University Hwasun Hospital) 30' Je-Jung Lee (VaxCell-Bio&Chonnam National University Hwasun Hospital) 30' Tae Hyun Kang (Kookmin University) 30' Chungmin Lee (IMBiologics corp) 30' Hyunbo Shim (Ewha Womans University) of pharmaceuticals from natural products for human diseases 1-15:00, Exhibition Center 1, Room 313 Gyhye Yoo (Korea Institute of Science and Technology) 30' Kye Won Park (Sungkyunkwan University) 30' Seung-Hoon Yang (Dongguk University) 30' Moon-Hyeong Seo (Korea Institute of Science and Technology) 30' Choong-Gu Lee (Korea Institute of Science and Technology) elopment: present and future 1-17:30, Exhibition Center 1, Room 211 Sung-Jin Yoon (KRIBB) Taeho Kwon (KRIBB) 20' Nam-Kyung Lee (MabTics Co., Ltd. / KRIBB) 30' TBA	o Preclinical Research 강원대학교 바이오 신약 혁신소재 용합 선도연구 mail University) Innovative cellular immunotherapy using NK cells and CAR-based cells for cancer TBA Multivalent platform and its applications TBA Organized by 한국과학기술연구원 강롱분원 천연물인 한국과학기술연구원 강롱분원 천연물인 A molecular mechanism of butein-mediated Nrf2 activation Natural product as a AD drug candidate targeting both amyloid misfolding and neuroinflammation Proteome-scale identification and regulation of protein-protein interactions Immune modulation of pancreatic cancer based on natural products-microbiome interactions Organized by 한국생명공학연구원 & 국가과학기술연구회 용합네트 한국생명공학연구원 & 국가과학기술연구회 용합네트 Development of a Tie2-agonistic antibody as a novel therapeutics for preventing and treating acute kidney injury TBA
T4 - Advancement: ay 28th(Tue), 13:00 rganizer & Chair peaker1 peaker2 peaker3 peaker4 T5 - Development ay 28th(Tue), 13:00 rganizer & Chair peaker1 peaker1 peaker2 peaker3 peaker4 T6 - New drug deve	s in innovative biopharmaceutical development: From Target Identification to 15:00, Exhibition Center 1, Room 311&312 Dae Hee Kim (Kangwon National University), Hyun-Jeong KO (Kangwon National University Hwasun Hospital) 30' Je-Jung Lee (VaxCell-Bio&Chonnam National University Hwasun Hospital) 30' Tae Hyun Kang (Kookmin University) 30' Chungmin Lee (IMBiologics corp) 30' Hyunbo Shim (Ewha Womans University) of pharmaceuticals from natural products for human diseases 1-15:00, Exhibition Center 1, Room 313 Gyhye Yoo (Korea Institute of Science and Technology) 30' Kye Won Park (Sungkyunkwan University) 30' Seung-Hoon Yang (Dongguk University) 30' Moon-Hyeong Seo (Korea Institute of Science and Technology) 30' Choong-Gu Lee (Korea Institute of Science and Technology) elopment: present and future 1-17:30, Exhibition Center 1, Room 211 Sung-Jin Yoon (KRIBB) Taeho Kwon (KRIBB) 20' Nam-Kyung Lee (MabTics Co., Ltd. / KRIBB)	o Preclinical Research 강원대학교 바이오 신약 혁신소재 용합 선도연구 mail University)) Innovative cellular immunotherapy using NK cells and CAR-based cells for cancer TBA Multivalent platform and its applications TBA Organized by 한국과학기술연구원 강롱분원 천연물인 한국과학기술연구원 강롱분원 천연물인 A molecular mechanism of butein-mediated Nrf2 activation Natural product as a AD drug candidate targeting both amyloid misfolding and neuroinflammation Proteome-scale identification and regulation of protein-protein interactions Immune modulation of pancreatic cancer based on natural products-microbiome interactions Organized by 한국장학교교원 지도 한국생명공학연구원 & 국가과학기술연구회 용합내를 한국생명공학연구원 & 국가과학기술연구회 용합내를 Development of a Tie2-agonistic antibody as a novel therapeutics for preventing and treating acute kidney injury

ST7 - Korea Swiss B	ioHealth Symposium on Multiscale Visualization of Biomolecular Complexe	Organized by KAIST	
May 28th(Tue), 15:30	-17:30, Exhibition Center 1, Room 213	KAIST 생명과학과 송지준 교-	누 연구실
Organizer & Chair	Ji-Joon Song (KAIST)		
Speaker1	25' Joerg Bewersdorf (Yale University)	All-optical Super-resolution Imaging of Molecules in Their Nanoscale Cellular Context	
Speaker2	25' Inwha Baek (Kyung Hee University)	Single-molecules Studies of RNA Polymerase II transcription initiation	
Speaker3	25' Won-Ki Cho (KAIST)	Topological formation of transcriptional condensates relative to subnuclear compartments	
Speaker4	20' Taekyung Jeong (KAIST)	Structural basis of histone nuclear import inhibition by histone mimetic helix on Codanin-1	
Speaker5	25' Matteo Dal Peraro (Swiss Federal Institute of Technology Lausanne)	A "Protein Structure Transformer" for integrative structural biology and molecular design	
ST8 - K-MEDI hub를	활용한 신약개발 사업화 사례	Organized by	X.
May 28th(Tue), 15:30-17:30, Exhibition Center 1, Room 311&312		K-MEDI hub (대구경북첨단의료산업전	· - - - - - - - - - - - - - - - - - - -
Organizer & Chair	Jisun Oh (K-MEDI hub), Sang-Hyun Min (K-MEDI hub)		
Speaker1	30' Sung-Min Ahn (Immunoforge)	KF1601, a dual inhibitor of BCR::ABL1 and FLT3, overcomes drug resistance in FLT3+ blast phase chronic myeloid leuken	nia
Speaker2	30' Seong-Gu Ro (Pimed Bio)	Discovery of PMB212, a Cancer Stemness Blocking Agent inhibiting Pin1 through Collaboration of Academia and Biotech Collaboration of Academia and	Company
Speaker3	20' Kyung-Jin Min (K-MEDI hub)	Harnessing the Power of K-MEDI hub to Overcome the Death Valley of New Drug Development	
Speaker4	20' Boksik Cha (K-MEDI hub)	Collaborating for Innovation: A New Era in Drug Development with K-MEDIhub	
Speaker5	20' Jisun Oh (K-MEDI hub)	Establishment of an Ecosystem for Utilization of Human Stem Cell ATLAS	
ST9 - 생화학과 한의학	막의 응합 (Integration of Biochemistry and Korean Medicine)	Organized by)
May 28th(Tue), 15:30-17:30, Exhibition Center 1, Room 313		부산대 한의과대학/건강노화 한의과학	연구센터
Organizer	Ki-Tae Ha (Pusan National University)		
Chair	Kim Sang Chan (Daegu Haany University), Yung Hyun Choi (Dong-eui Univer	sity)	
Speaker1	30' Son Chang Gue (Daejeon University)	Navigating Complexity Beyond Fatigue: A Not-So-Simple Journey	
Speaker2	30' Sungjoo Park (Wonkwang University)	NAD(P)H Quinone Oxidoreductase (Nqo1), a Friend or Foe, in Chronic Pancreatitis	
Speaker3	30' Mee-Hyun Lee (Dongshin University)	Connection of Traditional Korean Medicine and Gut Microbiome	
Speaker4	30' Younghoon Go (Korea Institute of Oriental Medicine)	The therapeutic effects of Korean medicine formulation BHS on APOE4-derived Alzheimer's disease	